Form PTO 1449 U.S. DEPARTMENT OF COMMERCE ATTY DOCKET NO. SERIAL NO. PATENT AND TRADEMARK OFFICE 210136US99 09/901,109 APPLICANT LIST OF REFERENCES CITED BY APPLICANT Ravindranath DROOPAD, et al. MAR 1 4 2003 GROUP FILING DATE EXAMINEDE MA July 10, 2001 2815 **U.S. PATENT DOCUMENTS** DOCUMENT DATE NAME CLASS SUB FILING DATE INITIAL NUMBER CLASS IF APPROPRIATE BWB 3,802,967 ξ 04/09/74 Ladany et al. AB 4,174,422 11/13/79 Matthews et al. AC 4,404,265 09/13/83 Manasevit ÁΠ 4,482,906 11/13/84 Hovel et al. ΑE 4,523,211 06/11/85 Morimoto et al. ΑF 4,661,176 04/28/87 Manasevit AG 4,793,872 12/27/88 Meunier et al. ΑН 4,846,926 07/11/89 Kay et al. A.I 4,855,249 08/08/89 Akasaki et al. 4,891,091 01/02/90 Shastry ΑK 03/27/90 4,912,087 Aslam et al. AL 4,928,154 05/22/90 Umeno et al AM 4,963,949 10/16/90 Wanlass et al. ΑÑ 5,141,894 08/25/92 Bisaro et al. ΑO 5,159,413 10/27/92 Calviello et al. 5,173,474 12/22/92 Connell et al. ΑQ 5,221,367 06/22/93 Chisholm et al. AR 5,225,031 07/06/93 McKee et al. AS 5,358,925 10/25/94 Neville Connell et al. ΑT 5,393,352 02/28/95 Summerfelt ΑU 5,418,216 05/23/95 Fork 5,450,812 ΑV 09/19/95 McKee et al. ΑW 5,478,653 12/26/95 Guenzer AX 5,482,003 01/09/96 McKee et al. ΑY 5,514,484 05/07/96 Nashimoto ΑZ 5,556,463 09/17/96 Guenzer BΑ 5,588,995 12/31/96 Sheldon вв 5,670,798 09/23/97 Schetzina BC 5,733,641 03/31/98 Fork et al. BD 5,735,949 04/07/98 Mantl et al. BE 5,741,724 04/21/98 Ramdani et al. BF 5,810,923 09/22/98 Yano et al. BG 5,830,270 11/03/98 McKee et al. вн 5,912,068 06/15/99 Jia BI 6,020,222 02/01/00 Wollesen 6,045,626 04/04/00 BJ Yano et al. вк 6,064,078 05/16/00 Northrup et al. BL 6,064,092 05/16/00 ВМ 6,096,584 08/01/00 Ellis-Monaghan et al. RΝ 08/15/00 6,103,008 McKee et al. ВО 6,136,666 10/24/00 BP 6,174,755 01/16/01 Manning 6,180,486 01/30/01 BQ _eobandung et al.

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE		
BWB	CA	3,766,370	10/16/73	Walther					
	СВ	4,006,989	02/08/77	Andringa					
	СС	4,284,329	08/18/81	Smith et al.					
	CD	4,777,613	10/11/98	Shahan et al.					
	CE	4,802,182	01/31/89	Thornton et al.					
	CF	4,882,300	11/21/89	Inoue et al.					
	CG	4,896,194	01/23/90	Suzuki	_				
	СН	4,999,842	03/12/91	Huang et al.					
	CI	5,081,062	01/14/92	Vasudev et al.					
	CJ	5,155,658	10/13/92	Inam et al.	-	· ·			
- 	СК	5,248,564	09/28/93	Ramesh					
	CL	5,260,394	11/09/93	Tazaki et al.					
	СМ	5,270,298	12/14/93	Ramesh					
	CN	5,286,985	02/15/94	Taddiken					
	co	5,310,707	05/10/94	Oishi et al.					
	СР	5,326,721	07/05/94	Summerfelt					
	ca	5,404,581	04/04/95	Honjo					
	CR	5,418,389	05/23/95	Watanabe					
	cs	5,436,759	07/25/95	Dijaii et al.					
	СТ	5,576,879	11/19/96	Nashimoto					
	cu	5,606,184	02/25/97	Abrokwah, et al.					
	cv	5,640,267	06/17/97	May et al.					
	cw	5,674,366	10/07/97	Hayashi et al.					
	сх	5,729,641	03/17/98	Chandonnet et al.			· · ·		
	CY	5,790,583	08/04/98	Но					
	CZ	5,825,799	10/20/98	Ho et al.			······································		
	DA	5,857,049	01/05/99	Beranek et al.					
	DB	5,874,860	02/23/99	Brunel et al.					
	DC	5,926,496	07/20/99	Ho et al.					
	DD	5,937,285	08/10/99	Abrokwah, et al.					
	DE	5,981,400	11/09/99	Lo					
	DF	5,990,495	11/23/99	Ohba					
	DG	6,002,375	12/14/99	Corman et al.					
	DH	6,008,762	12/28/99	Nghiem			<u>-</u> -		
	DI	6,055,179	04/25/00	Koganei et al.					
	DJ	6,107,653	08/22/00	Fitzgerald					
	DK	6,113,690	09/05/00	Yu et al.					
	DL	6,114,996	09/05/00	Nghiem					
	DМ	6,121,642	09/19/00	Newns					
	DN	6,128,178	10/03/00	Newns					
	DO	6,143,072	11/07/00	McKee et al.					
	DP.	6,184,144	02/06/01	Lo					
	DQ	6,222,654	04/24/01	Frigo					

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XAMINER NITIAL	ŀ	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
BWB	EA	4,484,332	11/20/84	Hawrylo				
1	EB	4,815,084	03/21/89	Scifres et al.				
	EC	4,876,219	10/24/89	Eshita et al.				
	ED	4,963,508	10/16/90	Umeno et al.	-			
	EE	5,060,031	10/22/91	Abrokwah, et al.				
	EF	5,063,166	11/05/91	Mooney et al.				
	EG	5,116,461	05/26/92	Lebby et al.				
	EH	5,127,067	06/30/92	Delcoco et al.				
	ΕĪ	5,144,409	09/01/92	Ма				
	EJ	5,293,050	03/08/94	Chapple-Sokol et al			·	
	EK	5,356,831	10/18/94	Calviello et al.				
	EL	5,391,515	02/21/95	Kao et al.	-			
	ЕМ	5,442,191	08/15/95	Ma		1		
	EN	5,444,016	08/22/95	Abrokwah, et al.				
	EO	5,480,829	01/02/96	Abrokwah, et al.				
	EP	5,528,414	06/18/96	Öakley				
	EQ	5,614,739	03/25/97	Abrokwah et al.				
	ER	5,729,394	03/17/98	Sevier et al.			-	
	ES	5,731,220	03/24/98	Tsu et al.				
	ΕŤ	5,764,676	06/09/98	Paoli et al.				
	EU	5,777,762	07/07/98	Yamamoto	-			
	EV	5,778,018	07/07/98	Yoshikawa et al.				
	EW	5,778,116	07/07/98	Tomich				
	EX	5,801,105	09/01/98	Yano et al.				
	ΕΥ	5,828,080	10/27/98	Yano et al.		İ		
	EZ	5,858,814	01/12/99	Goossen et al.				
	FA	5,861,966	01/19/99	Ortel				
	FB	5,883,996	03/16/99	Knapp et al.		1		
-	FC	5,995,359	11/30/99	Klee et al.		<u> </u>		
	FD	6,058,131	05/02/00	Pan				
	FE	6,137,603	10/24/00	Henmi		1		
	FF	6,146,906	11/14/00	Inoue et al.				
	FG	6,173,474	01/16/01	Conrad		 	 	
	FH	6,180,252	01/30/01	Farrell et al.		1		
	FI	4,242,595	12/30/0	Lehovec				
<u> </u>	FJ	4,398,342	08/16/83	Pitt et al.		1		
	FK	4,424,589	01/03/84	Thomas et al.				
·	FL	4,876,208	10/24/89	Gustafson et al.				
+	FM	4,482,422	11/84	McGinn et al.				
	FN-	4,667,088	05/19/87	Kramer			 	
	FO	4,772,929	09/20/88	Manchester et al.	1			
	FP	4,841,775	06/27/89	lkeda et al.		1		
-	FQ	4,845,044	07/04/89	Ariyoshi et al.	<u> </u>	 		

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GE G	4,885,376 4,888,202 4,891,091 5,051,790 5,055,445 6,5,081,519 5,143,854 5,185,589 6,5,191,625 6,5,194,397 6,208,182 6,4,5216,729 6,314,547	09/19/89 12/05/89 12/89 12/90 09/24/91 10/08/91 11/14/92 09/01/92 02/09/93 03/02/93 03/16/93 05/04/93	Lessin et al. Verkade Murakami et al. Wanlass et al. Hammer Belt et al. Nishimura et al. Pirrung et al. Krishnaswamy et al. Gustavsson Cook et al. Narayan et al.			
GE G	GC 4,888,202 GD 4,891,091 GE 5,051,790 GF 5,055,445 GG 5,081,519 GH 5,143,854 GI 5,185,589 GJ 5,191,625 GK 5,194,397 GL 5,208,182 GM 5,216,729 GN 5,314,547	12/89 12/90 09/24/91 10/08/91 11/14/92 09/01/92 02/09/93 03/02/93 03/16/93 05/04/93	Murakami et al. Wanlass et al. Hammer Belt et al. Nishimura et al. Pirrung et al. Krishnaswamy et al. Gustavsson Cook et al. Narayan et al.			
GE GE GE GE GI GI GI GI GI GI GI GI GI	6D 4,891,091 6E 5,051,790 6F 5,055,445 6G 5,081,519 6H 5,143,854 6I 5,185,589 6J 5,191,625 6K 5,194,397 6L 5,208,182 6M 5,216,729 6N 5,314,547	12/90 09/24/91 10/08/91 11/14/92 09/01/92 02/09/93 03/02/93 03/16/93 05/04/93	Wanlass et al. Hammer Belt et al. Nishimura et al. Pirrung et al. Krishnaswamy et al. Gustavsson Cook et al. Narayan et al.			
GE GF GG GH GJ GK GN GN GC	5,051,790 5,055,445 6,055,445 6,055,445 6,143,854 6,143,854 6,151,85,589 6,191,625 6,194,397	09/24/91 10/08/91 11/14/92 09/01/92 02/09/93 03/02/93 03/16/93 05/04/93	Hammer Belt et al. Nishimura et al. Pirrung et al. Krishnaswamy et al. Gustavsson Cook et al. Narayan et al.			
GF GG GH GG GK GR GR GR GR GR	5,055,445 6G 5,081,519 6H 5,143,854 6I 5,185,589 6J 5,191,625 6K 5,194,397 6L 5,208,182 6M 5,216,729 6N 5,314,547	10/08/91 11/14/92 09/01/92 02/09/93 03/02/93 03/16/93 05/04/93	Belt et al. Nishimura et al. Pirrung et al. Krishnaswamy et al. Gustavsson Cook et al. Narayan et al.			
GG GH GH GH GR GR GR GG GG	5,081,519 5,143,854 5,185,589 5,191,625 6K 5,194,397 6L 5,208,182 6M 5,216,729 6N 5,314,547	11/14/92 09/01/92 02/09/93 03/02/93 03/16/93 05/04/93 06/01/93	Nishimura et al. Pirrung et al. Krishnaswamy et al. Gustavsson Cook et al. Narayan et al.			
GH GI GJ GK GL GN GN GG	5,143,854 5,185,589 5,191,625 6K 5,194,397 6L 5,208,182 6M 5,216,729 6N 5,314,547	09/01/92 02/09/93 03/02/93 03/16/93 05/04/93 06/01/93	Pirrung et al. Krishnaswamy et al. Gustavsson Cook et al. Narayan et al.			
GI GJ GK GL GN GN GC	5,185,589 5,191,625 6K 5,194,397 6L 5,208,182 6M 5,216,729 6N 5,314,547	02/09/93 03/02/93 03/16/93 05/04/93 06/01/93	Krishnaswamy et al. Gustavsson Cook et al. Narayan et al.			
GJ Gk GL GN GO GC	5,191,625 6K 5,194,397 6L 5,208,182 6M 5,216,729 6N 5,314,547	03/02/93 03/16/93 05/04/93 06/01/93	Gustavsson Cook et al. Narayan et al.			
GK GL GN GN GC GF	5,194,397 5,208,182 5,216,729 N 5,314,547	03/16/93 05/04/93 06/01/93	Cook et al. Narayan et al.			
GL GN GN GC GF	5,208,182 M 5,216,729 N 5,314,547	05/04/93 06/01/93	Narayan et al.		 	
GA GA GC GG	M 5,216,729 N 5,314,547	06/01/93	<u> </u>		1 1	
GN GC GF GC	N 5,314,547					-
GC GF GC		05/04/04	Berger et al.			
GF GC	O 5,352,926	05/24/94	Heremans et al.			
GC		10/04/94	Andrews			
	P 5,356,509	10/18/94	Terranova et al.			
GF	Q 5,371,734	12/06/94	Fischer			
	R 5,372,992	12/94	Itozaki et al.			
GS	S 5,405,802	04/11/95	Yamagata et al.			
GT	T 5,442,561	08/15/95	Yoshizawa et al.			
GL	U 5,453,727	09/26/95	Shibasaki et al.			
GV	V 5,466,631	11/14/95	Ichikawa et al.			
GV	W 5,473,047	12/05/95	Shi			
GX	X 5,473,171	12/95	Summerfelt			
GY	Y 5,479,033	12/26/95	Baca et al.			
GZ	Z 5,486,406	01/23/96	Shi			
НА	A 5,491,461	02/13/96	Partin et al.			
НВ	B 5,492,859	02/20/96	Sakaguchi et al.	,		
НС	C 5,494,711	02/27/96	Takeda et al.			
HD	D 5,504,035	04/02/96	Rostoker et al.			
HE		04/02/96	Shi			
HF	F 5,511,238	04/23/96	Bayraktaroglu			
HG	G 5,512,773	04/96	Wolf et al.			
НН	H 5,515,047	05/07/96	Yamakido et al.			
н	5,515,810	05/14/96	Yamashita et al.			
HJ	J 5,519,235	05/96	Ramesh			
нк	K 5,549,977	08/96	Jin et al.			
HL	L 5,551,238	09/03/96	Prueitt			
HM	M 5,552,547	09/03/96	Shi			
HN	N 5,589,284	12/31/96	Summerfelt et al.			
НО	O 5,602,418	02/11/97	lmai et al.			

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EXAMINER	-	DOCUMENT	DATE	U.S. PATENT DOCUMENTS NAME	CLASS	SUB	FILING DATE
INITIAL	<u> </u>	NUMBER				CLASS	IF APPROPRIATE
pwb	IA_	5,650,646	07/22/97	Summerfelt			
1	IB	5,656,382	08/12/97	Nashimoto			
	IC	5,659,180	08/19/97	Shen et al.			
	ID	5,661,112	08/26/97	Hatta et al.			
	ΙE	5,679,965	11/95	Schetzina			
)F	5,725,641	03/10/98	MacLeod			
	IG	5,745,631	04/28/98	Reinker			
	ìН	5,776,621	07/07/98	Nashimoto			
)1	5,777,350	07/07/98	Nakamura et al.			
	IJ	5,789,845	08/04/98	Wadaka et al.			· · · · · · · · · · · · · · · · · · ·
	ΙK	5,792,569	08/11/98	Sun et al.			
	IL	5,792,679	08/11/98	Nakato			
	IM	5,796,648	08/18/98	Kawakubo et al.			
	IN	5,801,072	09/01/98	Barber			
	10	5,812,272	09/22/98	King et al.			
	IΡ	5,814,583	09/98	Itozaki et al.			
	IQ	5,825,055	10/20/98	Summerfelt			
	IR	5,827,755	10/27/98	Yonchara et al.			
	IS	5,833,603	11/10/98	Kovacs et al.			
	ΙΤ	5,838,035	11/17/98	Ramesh			
	IU	5,844,260	12/01/98	Ohori			
	IV	5,846,846	12/08/98	Suh et al.			
	iw	5,863,326	01/26/99	Nause et al.			
	ix	5,872,493	02/16/99	Ella			
	ΙΥ	5,879,956	03/99	Seon et al.			
	ız	5,880,452	03/09/99	Piesko			
	JA	5,883,564	03/16/99	Partin			
	JВ	5,907,792	05/25/99	Droopad et al.			
	ηC	5,937,274	08/10/99	Kondow et al.	<u> </u>		
	1D	5,948,161	09/07/99	Kizuki			
	JE	5,959,879	09/28/99	Koo			
	IJF	5,966,323	10/99	Chen et al.			· · · · · · · · · · · · · · · · · · ·
	JG	5,987,011	11/16/99	Toh .			
	μн	6,022,140	02/08/00	Fraden et al.	<u> </u>		
- -	μı	6,022,410	02/08/00	Yu et al.	- 		
	11	6,023,082	02/08/00	McKee et al.	 		
	JК	6,028,853	02/22/00	Haartsen			
	JL	6,049,702	04/11/00	Tham et al.	+		
	JM	6,078,717	06/20/00	Nashimoto et al	-		
	JN	6,088,216	07/00	Laibowitz et al.	-		
	70	6,090,659	07/00	Laibowitz et al.		 	
	JP	6,107,721	08/22/00	Lakin			
	NG.	6,153,010	11/28/00	Kiyoku et al		 	

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RND	KA	NUMBER	11/28/00	Krivokapic	 	CLASS	IF APPROPRIATE
K VVD	KB	6,191,011	02/01	Gilboa et al	-		
	KC	6,204,737	03/20/01	Ella	-	<u> </u>	
	KD	6,224,669	05/01/01	Yi et al.			
	↓		05/01/01	Sugiyama et al.			
	KE	6,225,051 6,241,821	06/05/01	Yu et al.	 		
	KF		07/24/01	Gardner et al.			
	KG	6,265,749		.1		L	
	KH	6,313,486	11/01	Kencke et al.			
	KI	6,316,832	11/13/01	Tsuzuki et al.			
	KJ	2002/0008234	01/02	Emrick			
	KK	3,670,213	06/13/72	Nakawaga et al.	ļ		
	KL	4,756,007	07/05/88	Qureshi et al.	ļ		
	KM	4,773,063	09/20/88	Hunsperger et al.			
	KN	5,394,489	02/28/95	Koch			
	ко	5,406,202	04/11/95	Mehrgardt et al.			
	KP	5,528,067	06/18/96	Farb et al.			
	KQ	5,572,052	11/05/96	Kashihara et al.	-		
	KR	5,767,543	06/16/98	Ooms et al.			
	KS	6,175,497	01/16/01	Tseng et al.			
	кт	6,197,503	03/06/01	Vo-Dinh et al.			
	ΚU	6,248,459	06/19/01	Wang et al.			
	ΚV	6,252,261	06/26/01	Usui et al.			
	kw	6,255,198	07/03/01	Linthicum et al.			
	кх	6,268,269	07/31/01	Lee et al.			
	KY	6,291,319	09/18/01	Yu et al.			
	ΚZ	6,316,785	11/13/01	Nunoue et al.			
	LA	6,343,171	01/29/02	Yoshimura et al.			
	LB	4,965,649	10/23/90	Zanio et al.			
	LC	6,253,649	05/01	Kawahara et al.			
	LD	6,211,096	04/01	Allman et al.			
	LE	6,239,449	05/29/01	Fafard et al.			
	LF	2001/0013313	08/16/01	Droopad et al.			
	LG	6,184,044	02/06/01	Sone et al.	1		
	LH	6,011,646	01/04/00	Mirkarimi et al.	1		
	LI	5,227,196	07/13/93	Itoh	†		
	LJ	6,150,239	11/21/00	Goesele et al.	†		
	LK	5,441,577	08/15/95	Sasaki et al.	1		
	LL	4,459,325	07/10/84	Nozawa et al.	 		
	LM	4,392,297	07/12/83	Little	+		
	LN	4,289,920	09/15/81	Hovel	 		
- -	LO	5,281,834	01/25/94	Cambou et al.	+		
 	LP	4,901,133	02/13/90	Curran et al.	 		
	LQ	5,514,904	05/07/96	Onga et al.	+		
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July 10, 2001 2815 **U.S. PATENT DOCUMENTS EXAMINER** DOCUMENT SUB **FILING DATE** DATE **CLASS** NAME NUMBER CLASS IF APPROPRIATE INITIAL 5,553,089 09/03/96 Seki et al. MA 5,528,057 06/18/96 MB Yanagase et al. MC 6,229,159 05/08/01 Suzuki 05/31/88 Vasudev MD 4,748,485 01/08/91 Vinal ME 4,984,043 MF 5,754,319 05/19/98 Van De Voorde et al. MG 6,108,125 08/22/00 Yano 5,073,981 12/17/91 Giles et al. MH MI 5,140,651 08/18/92 Soref et al. MJ 5,610,744 03/11/97 Ho et al. 03/26/02 Manabe et al. MK 6,362,017 ML 06/05/01 Kishimoto et al. 6,242,686 MM 5,689,123 11/18/97 Major et al. 5,670,800 09/23/97 Nakao et al. MN 11/26/91 Tsubota MO 5,067,809 MP 5,596,205 01/21/97 Reedy et al. MQ 6,175,555 01/16/01 Hoole 10/18/94 Okubora et al. MR 5,357,122 04/11/78 MS 4,084,130 Holton 6,093,302 07/25/00 Montgomery MT MU 6,372,813 04/16/02 Johnson et al. ΜV 5,608,046 03/04/97 Cook et al. 09/21/99 MW 5,955,591 Imbach et al. 02/08/00 McGall et al. MX 6,022,963 MY 6,083,697 07/04/00 Beecher et al. 11/05/91 Cozzette et al. ΜZ 5,063,081 5,479,317 12/26/95 Ramesh NA 04/26/94 Hebert NB 5,306,649 NC 5,962,069 10/05/99 Schindler et al. 07/30/96 Wolf et al. ND 5,541,422 02/23/99 Desu et al. NË 5,873,977 07/23/96 Findikoglu et al. NF 5,538,941 NG 6,046,464 04/04/00 Schetzina 05/22/01 NH 6,235,145 Li et al. 5,610,744 03/11/97 Ho et al. NI 01/18/94 NJ 5,280,013 Newman et al. NK 6,348,373 B1 02/19/02 Ma et al. 6,339,664 B1 01/15/02 Farjady et al. NL NM 4,439,014 03/27/84 Stacy et al. 12/26/89 NN 4,889,402 Reinhart NO 5,963,291 10/05/99 Wu et al. NP 6,011,641 01/04/00 Shin et al. 6,340,788 B1 01/22/02 NO King et al.

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BINB	OA	5,807,440	09/15/98	Kubota et al.	-		
- PWD-	ОВ	4,681,982	07/21/87	Yoshida	 		
	oc	4,629,821	12/16/86	Bronstein-Bonte et al.	 		
	OD	4,452,720	06/05/84	Harada et al.			
	OE	3,935,031	01/27/76	Adler	-		-
	OF	5,760,426	06/02/98	Marx et al.			
	OG	5,053,835	10/01/91	Horikawa et al.			· • · · · · · · · · · · · · · · · · · ·
	ОН	6,326,645 B1	12/04/01	Kadota	-	 	
	01	5,770,887	06/23/98	Tadatomo et al.			
	OJ	6,372,356 B1	04/16/02	Thornton et al.			
	ОК	4,774,205	09/27/88	Choi et al.			
	OL	6,359,330 B1	03/19/02	Goudard			
	ОМ	5,312,765	05/17/94	Kanber			
	ON	5,734,672	03/31/98	McMinn et al.			
	00	6,367,699 B2	04/09/02	Ackley			
	OP	5,530,235	06/25/96	Stefik et al.			
	OQ.	5,623,552	04/22/97	Lane	1		
	OR	5,481,102	01/02/96	Hazelrigg, Jr.			<u> </u>
	os	6,134,114	10/17/00	Ungermann et al.	-		
	ОТ	5,984,190	11/16/99	Nevill			
	ΟU	5,789,733	08/04/98	Jachimowicz et al.			,
	ΟV	5,753,300	05/19/98	Wessels et al.			
	ow	6,208,453	03/27/01	Wessels et al.			
	ох	5,886,867	03/23/99	Chivukula et al.	1		
	OY	5,028,976	07/02/91	Ozaki et al.			· <u>-</u>
	ΟZ	5,869,845	02/09/99	Vander Wagt et al.			
	PA	5,596,214	01/21/97	Endo			
	PB	6,391,674 B2	05/21/02	Ziegler			
	PC	6,275,122 B1	08/14/01	Speidell et al.			
	PD	6,238,946 B1	05/29/01	Ziegler	1		
	PE	6,210,988 B1	04/03/01	Howe et al.			
	PF	6,392,257	05/21/02	Ramdani et al.			
	PG	4,442,590	04/17/84	Stockton et al.			
	PH	5,603,764	02/18/97	Matsuda et al.			-
	PI	6,087,681	06/11/00	Shakuda			
	PJ	5,132,648	07/21/92	Trinh et al.			
	PK	6,427,066	07/30/02	Grube			
	PL	2002/0072245	06/13/02	Ooms et al.			
	РМ	6,278,138 B1	08/21/01	Suzuki			
	PN	5,888,296	03/30/99	Ooms et al.			
	PO	5,198,269	03/3093	Swartz et al.			
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	QB	5,569,953	10/29/96	Kikkawa et al.			
	QC	5,834,362	11/10/98	Miyagaki et al.			
	QD	6,248,621 B1	06/19/01	Wilk et al.			
	QE	5,266,355	11/30/93	Wernberg et al.			
	QF	6,277,436 B1	08/21/01	Stauf et al.			
	QG	6,039,803	03/21/00	Fitzgerald et al.			·
	QH	5,619,051	04/08/97	Endo			
	QI	5,420,102	05/30/95	Harshavardhan et al.			
	۵J	5,210,763	05/11/93	Lewis et al.			
	QK	5,103,494	04/07/92	Mozer			
	QL	4,594,000	06/10/86	Falk et al.			
	QM	4,297,656	10/27/81	Pan			
	QN	5,244,818	09/14/93	Jokers et al.			
	QO	6,048,751	04/11/00	D'Asaro et al.			
	QP	5,484,664	01/16/96	Kitahara et al.			
	QQ	5,780,311	07/14/98	Beasom et al.			
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	QS	5,399,898	03/21/95	Rostoker			
	QT	6,271,619	08/07/01	Yamada et al.			
	QU	5,334,556	08/02/94	Guldi			
	QV	4,910,164	03/20/90	Shichijo			
	QW	4,952,420	08/28/90	Walters			
	QX	6,121,647	09/19/00	Yano et al.			
	QY	6,306,668 B1	10/23/01	McKee et al.			
	QZ	6,143,366	11/07/00	Lu			
	RA	6,410,941	06/25/02	Taylor et al.			
	RB	5,397,428	03/14/95	Stoner et al.			······
	RC	6,432,546 B1	08/13/02	Ramesh et al.			
	RD	6,345,424	02/12/02	Hasegawa et al.			
	RE	6,338,756 B2	01/15/02	Dietze			
	RF	5,516,725	05/14/96	Chang et al.			
	RG	4,667,212	05/19/87	Nakamura			
	RH	5,629,534	05/13/97	Inuzuka et al.			<u>.</u>
	RI	3,914,137	10/21/75	Huffman et al.			
	RJ	5,753,928	05/19/98	Krause			
	RK	5,977,567	11/02/99	Verdiell			
	RL	5,130,762	07/14/92	Kulick			
	RM	5,621,227	04/15/97	Joshi			
	RN	6,389,209 B1	05/14/02	Suhir			
	RO	5,163,118	11/10/92	Lorenzo et al.			
	RP	5,926,493	07/20/99	O'Brien et al.			
	RQ	5,323,023	06/21/94	Fork			

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1	SB	5,395,663	03/07/95	Tabata et al.			
	sc	4,146,297	03/27/79	Alferness et al.			
	SD	5,452,118	09/19/95	Maruska			
	SE	5,889,296	03/30/99	Imamura et al.			
	SF	6,300,615 B1	10/09/01	Shinohara et al.			
	SG	6,232,910 B1	05/15/01	Bell et al.			
	SH	5,686,741	11/11/97	Ohori et al.			
	SI	4,959,702	09/25/90	Moyer et al			
	SJ	6,100,578	08/08/00	Suzuki			
	SK	6,410,947 B1	06/25/02	Wada			
1	SL	6,417,059 B2	07/09/02	Huang	<u> </u>		
	SM	6,461,927 B1	10/08/02	Mochizuki et al.			
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1	so	5,981,976	11/09/99	Murasato			
1 1	SP	5,981,980	11/09/99	Miyajima et al.			
	SQ	2002/0006245 A1	01/17/02	Kubota et al.			
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	SS	6,256,426 B1	07/03/01	Duchet	Ī		· · ·
	ST	6,278,523 B1	08/21/01	Gorecki			
	SU	6,319,730 B1	11/20/01	Ramdani et al.			
	sv	6,404,027	06/11/02	Hong et al.	1		
	sw	6,312,819 B1	11/06/01	Jia et al.			
	SX	5,119,448	06/02/92	Schaefer et al.			-
1 1	SY	4,120,588	10/17/78	Chaum		· ·	
	SZ	5,194,917	03/16/93	Regener			
	TA	5,018,816	05/28/91	Murray et al.			
	ТВ	5,953,468	09/14/99	Finnila et al.	1		· · · · · ·
	TC	5,561,305	10/01/96	Smith			
	TD	5,896,476	04/20/99	Wisseman et al.			
1	TE	4,934,777	06/19/90	Jou et al.			
	TF	6,320,238 B1	11/20/01	Kizilyalli et al.			
	TG	6,393,167 B1	05/21/02	Davis et al.			
	TH	5,760,427	06/02/98	Onda			
	TI	6,411,756 B2	06/25/02	Sadot et al.			
	TJ	5,668,048	09/16/97	Kondo et al.			
1 1	TK	5,852,687	12/22/98	Wickham			· · ·
1	TL	5,122,852	06/16/92	Chan et al.			
T	ТМ	5,173,835	12/22/92	Cornett et al.			
	TN	5,055,835	10/08/91	Sutton			
	то	6,139,483	10/31/00	Seabaugh et al.	1		
1	TP	5,283,462	02/01/94	Stengel			
	TQ	6,103,403	08/15/00	Grigorian et al.			

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	UC	6,297,842 B1	10/02/01	Koizumi et al.			
	QU	5,682,046	10/28/97	Takahashi et al.			
	UE	5,181,085	01/19/93	Moon et al.			
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	UH	4,872,046	10/03/89	Morkoc et al.			
	UI	2002/0047123 A1	04/25/02	Ramdani et al.			
	UJ	5,995,528	11/30/99	Fukunaga et al.			
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	UR	6,194,753 B1	02/27/01	Seon et al.			
	US	6,326,637 B1	12/04/01	Parkin et al.			
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		DOCUMENT NUMBER	DATE	COUNTRY	T	TRANSLATION		
		NUMBER			YES	NO		
DWB	AAA	0 250 171	12/23/87	EP	×			
1	AAB	0 342 937	11/23/89	EP	×			
	AAC	0 455 526	06/11/91	EP	×			
	AAD	0 602 568	06/22/94	EP	×			
	AAE	0 607 435	07/27/94	EP	×			
T	AAF	1 001 468	05/17/00	EP	×			
	AAG	0 514 018	11/19/92	EP	×			
Ī	ААН	0 999 600	05/10/00	EP	×			
	AAI	1 319 311	06/04/70	Great Britain	×			
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	AAK	11-238683	08/31/99	Japan	×			
	AAL	11-260835	09/24/99	Japan w/English Abstract	×			
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1	AAN	5-48072	02/26/93	Japan w/English Abstract	×			
	AAO	52-88354	07/23/77	Japan w/English Abstract	×			
	AAP	54-134554	10/19/79	Japan w/English Abstract	×			
	AAQ	55-87424	07/02/80	Japan w/English Abstract	×	-		
	AAR	61-108187	05/26/86	Japan w/English Abstract	Χ			
	AAS	6-232126	08/19/94	Japan	×			
Ĭ .	AAT	6-291299	10/18/94	Japan w/English Abstract	×			
	AAU	63-34994	02/15/88	Japan w/English Abstract	×			
	AAV	63-131104	06/03/88	Japan w/English Abstract	×			
	AAW	63-198365	08/17/88	Japan w/English Abstract	×			
	AAX	10-321943	12/04/98	Japan	×			
	AAY	6-334168	12/02/94	Japan	×			
	AAZ	WO 99/63580	12/09/99	WIPO	×			
	ABA	WO 99/14804	03/25/99	WIPO	×			
	ABB	WO 97/45827	12/04/97	WIPO				
		WO 99/19546	04/22/99	WIPO				
1		WO 00/33363	06/08/00	WIPO				
	ABE	WO 00/48239	08/17/00	WIPO				
	ABF	WO 99/14797	03/25/99	WIPO				
		GB 2 335 792	09/29/99	Great Britain				
		1 109 212	06/20/01	Europe				
	1	DE 197 12 496	10/30/97	Germany		×		
		60-212018	10/24/85	Japan w/English Abstract				
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		0 682 266	11/15/95	Europe				
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1	ABQ	2 000 1645	06/16/00	Japan		-		

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	BAC	64-50575	02/27/89	Japan		
	BAD	WO 98/05807	01/12/98	WIPO		
	BAE	WO 94/03908	02/17/94	WIPO		
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	BAJ	11135614	05/21/99	Japan (w/English Abstract)	·	
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	BAL	10-256154	09/25/98	Japan (w/English Abstract)		
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1 -	BAP	0 964 259	12/15/99	Europe		
	BAQ	0 875 922	11/04/98	Europe		
	BAR	61-63015	04/01/86	Japan w/English Abstract	-	_
	BAS	11340542	12/10/99	Japan (English Abstract)		
į	BAT	WO 01/37330	05/25/01	WIPO		
1	BAU	0 331 467	09/06/89	Europe	-	
	BAV	WO 00/16378	03/23/00	WIPO		
	BAW	0 926 739	06/30/99	Europe		
	BAX	0 964 453	12/15/99	Europe		
	BAY	5-152529	06/18/93	Japan w/English Abstract		
	BAZ	9-67193	03/11/97	Japan w/English Abstract		
	ВВА	9-82913	03/28/97	Japan w/English Abstract		
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	ввс	EP 0 957 522	11/17/99	Europe		
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	BBE	1-179411	07/17/89	Japan w/English Abstract		
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	BBG	WO 02 01648	01/03/02	WIPO		
	ввн	WO 02/33385 A2	04/25/02	WIPO		_
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1	ввј	WO 02/09160 A2	01/31/02	WIPO		
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	BBL	0 483 993	05/06/92	Europe		
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_	BBN	WO 01/59820 A1	08/16/01	WIPO		-
	вво	05150143	06/18/93	Japan (English Abstract only)		
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